

PCT



File No.: 6013-129US MG/lyl

Québec, Canada

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Philippe Tessier et al.
 Serial No.: 10/551,234
 Filing Date: September 27, 2005
 Art Unit: *Unknown*
 Title: S100 PROTEIN AS NEUTROPHIL ACTIVATOR FOR
 ALLEVIATING NEUTROPENIA IN CANCER TREATMENT

SECOND INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. § 1.97

NO FEE

Commissioner for Patents
 PO Box 1450
 Alexandria, VA 22313-1450

Sir:

Submitted herewith on a PTO/SB/08A/B form is a listing of the documents known to applicant in order to comply with applicant's duty of disclosure pursuant to 37 C.F.R. § 1.56.

The submission of any document which is not a statutory bar is not intended as an admission that such document constitutes prior art against the claims of the present application. Applicant does not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a prima facie prior art reference against the claims of the present application.

Statement of Relevancy

The listed document is being submitted either in compliance with 37 C.F.R. §1.97(b), within three (3) months of the filing date of a national application or of the date of entry of the national stage in an international application, or before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under §1.114; or pursuant to 37 C.F.R. §1.97(e)(1), within three (3) months from the date of an office action or of a search report issued in a foreign counterpart application citing each of the documents contained in the present statement; or pursuant to 37 C.F.R. §1.97(e)(2), within three (3) months from the first knowledge of each submitted document by any individual designated in C.F.R. §1.56(c), when each such document was not cited in a communication from a foreign patent office in a counterpart foreign application.

In the case of submission under 37 C.F.R. §1.97(e)(1) and (2), the undersigned Attorney/Agent of Record hereby certifies that the enclosed list of references is hereby submitted within three months (1) from the issuance of the foreign action or search report, or (2) from said first knowledge, respectively.

The Examiner is kindly requested to consider these references during the examination of the above-identified application, making the references of record, and to return an initialed copy of the PTO/SB/08A/B Form to the below-signed agent.

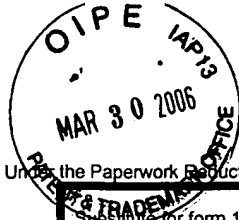
Respectfully,

March 29, 2006

Date

Marie-Hélène Rochon

Agent of the Applicant
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OGILVY RENAULT, LLP
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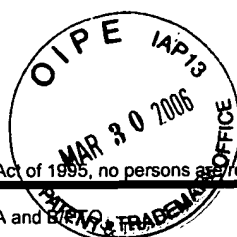
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known	
			Application Number	10/551,234
			Filing Date	September 27, 2005
			First Named Inventor	Philippe Tessier
			Art Unit	1614
Sheet	1	5	Attorney Docket Number	6013-129US MG/lyl

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		AGUIAR-PASSETI et al. "Epithelioid cells from foreign-body granuloma selectively express the calcium-binding protein MRP-14, a novel down-regulatory molecule of macrophage activation." 1997, J. Leukoc. Biol. 62:852-858.	
		BARTHE et al. "Identification of "cystic fibrosis protein" as a complex of two calcium-binding proteins present in human cells of myeloid origin." 1991, Biochim. Biophys. Acta. 1096:175-177.	
		BRANDTZAEG et al. "Distribution of a formalin-resistant myelomonocytic antigen (L1) in human tissues. II. Normal and aberrant occurrence in various epithelia." 1987, American Journal of Clinical Pathology 87:700-707.	
		BRANDTZAEG et al. "The leucocyte protein L1 (calprotectin): a putative nonspecific defence factor at epithelial surfaces." 1995, Adv. Exp. Muc. Immunol.. 371A:201-205.	
		BRUGGEN et al. "The molecular nature of the cystic fibrosis antigen (letter)." 1988, Nature, 331:570.	
		BUISMAN et al. "Effect of granulocyte colony-stimulating factor on the course of infection with gram-positive bacteria in mice during granulocytopenia induced by sublethal irradiation or cyclophosphamide." 1996, J. Infect. Dis., 174:417-421.	
		CORNISH et al. "S100 protein CP-10 stimulates myeloid cell chemotaxis without activation." 1996, J. Cell. Physiol. 166:427-437.	
		DALE et al. "Distribution of a new myelomonocytic antigen (L1) in human peripheral blood leukocytes. Immunofluorescence and immunoperoxidase staining features in comparison with lysozyme and lactoferrin." 1985, American Journal of Clinical Pathology 84:24-34.	
		DELL'ANGELICA et al. "Primary structure and binding properties of calgranulin C, a novel S100-like calcium-binding protein from pig granulocytes." 1994, J. Biol. Chem. 269:28929-28936.	
		DONATO, R. "Functional roles of S100 proteins, calcium-binding proteins of the EF-hand type." 1999, BIOCH. Biophys. Acta 1450:191-231.	
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Examiner Signature		Date Considered	
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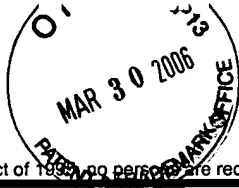
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known		
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Sheet	2	5	Examiner Name	
			Attorney Docket Number	6013-129US MG/lyl

		FROSCH et al. "Myeloid-related proteins 8 and 14 are specifically secreted during interaction of phagocytes and activated endothelium and are useful markers for monitoring disease activity in pauciarticular-onset juvenile rheumatoid arthritis." 2000, Arthritis. Rheum, 43:628-637.	
		GIORGI et al. "Antinociceptive effect of the calcium-binding protein MRP-14 and the role played by neutrophils on the control inflammatory pain." 1998, J. Leukoc. Biol. 64:214-220.	
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		IVANOV et al. "Enzyme-linked immunosorbent assay for human MRP-8/MRP-14 proteins and their quantitation in plasma of hematological patients." 1996, Immunol. Lett. 49:7-13.	

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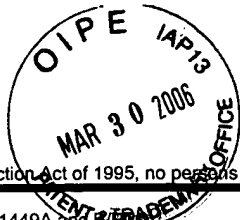
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		JINQUAN et al. "Psoriasin: A novel chemotactic protein." 1996, J. Invest. Dermatol., 107:5-10.	
		KOCHER et al. "Functional chemotactic-factor CP-10 and MRP-14 are abundant in murine abscesses." 1996, Infect. Immun. 64:1342-1350.	
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		LUGERING et al. "Serum 27E10 antigen: a new potential marker for staging HIV disease." 1995, Clin. Exp. Immunol, 101:249-253.	

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		MADSEN, P. et al. "Molecular cloning, occurrence, and expression of a novel partially secreted protein "psoriasin" that is highly up-regulated in psoriatic skin." 1991, J. Invest. Dermatol. 97:701-712.	
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		MIRANDA et al. "Total chemical sythesis and chemotactic activity of human S100A12 (EN-RAGE)." 2001, FEBS Lett 488:85-90.	
		MURAO et al. "A protein complex expressed during terminal differentiation of monomyelocytic cells is an inhibitor of cell growth." 1990, Cell. Growth. Differ. 1:447-454.	
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		RAFTERY et al. "Novel intra-and inter-molecular sulfonamide bonds in S100A8 produced by hypochlorite oxidation." 2001, J. Biol. Chem. 276:33393-33401.	
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